

09608982
Michael J. Simitoski
Michael.Simitoski@uspto.gov
(703) 305-8191

Google

shreekant thakkar
minerva yeung
rivest "decrypt and compare"
content dependent key watermark
image dependent key watermark

ACM

author: yeung
author: thakkar
content watermarking +author:yeung

IEEE

((yeung) <in> au) <and> watermark
author: shreekant
author: thakkar
'content dependent' <and> (watermark <or> watermarking)

Applications/Patents from Inventor Search

08/438,163
5,708,767
5,875,249
5,821,945
6,587,944
6,668,246
09/275,514

[Advanced Search](#) [Preferences](#) [Language Tools](#) [Search Tips](#)

rivest "decrypt and compare"

Google Search

[Web](#) - [Images](#) - [Groups](#) - [Directory](#) - [News](#)Searched the web for **rivest "decrypt and compare"**.

Results 1 - 3 of about 4. Search took 0.52 seconds.

Try [Google Answers](#) to get help from expert researchers.Some Thoughts on Serial Numbers in Intel CPUs ...

... in Intel CPUs — Ronald L. Rivest MIT

Laboratory ... a "challenge" instruction and a "decrypt and compare" instruction. ...

theory.lcs.mit.edu/~rivest/intel.txt - 19k - [Cached](#) - [Similar pages](#)[PDF] Legal liability and e-transactionsFile Format: PDF/Adobe Acrobat - [View as HTML](#)... S's apparent authorship of the message is verified by RP by using the public key in the certificate to **decrypt and compare** the message digest. ...www.claytonutz.com/downloads/tip0008_7.pdf - [Similar pages](#)[PDF] Cryptanalysis of S-DESFile Format: PDF/Adobe Acrobat - [View as HTML](#)

... o Joe Kilian and Philip Rogaway o [KR01] investigates the security of Ron

Rivest's DESX construction, a cheaper alternative to Triple DES. ...

www.reteam.org/fleur/files/papers/ cryptanalysis%20of%20s-des.pdf - [Similar pages](#)

In order to show you the most relevant results, we have omitted some entries very similar to the 3 already displayed.

If you like, you can repeat the search with the omitted results included.

rivest "decrypt and compare"

Google Search

[Search within results](#)Dissatisfied with your search results? [Help us improve](#).[Google Home](#) - [Advertise with Us](#) - [Business Solutions](#) - [Services & Tools](#) - [Jobs, Press, & Help](#)

©2004 Google


[Full Text \(Full Service\)](#) [Reporting \(Limited Service, Free\)](#) [Logout](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

 Published since January 1947 and Published before July 2000
 Terms used [content watermarking yeung](#)

Found 13 of 96,860

 Sort results
by

 Display
results


[Save results to a Binder](#)

[Search Tips](#)
☐ Open results in a new window

 Try an [Advanced Search](#)

 Try this search in [The ACM Guide](#)

Results 1 - 13 of 13

 Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Digital watermarking](#)

Minerva M. Yeung

July 1998

Communications of the ACM, Volume 41 Issue 7

 Full text available: [pdf\(172.73 KB\)](#)

 Additional Information: [full citation](#), [citations](#), [index terms](#)

2 [Technical trials and legal tribulations](#)

Scott Craver, Boon-Lock Yeo, Minerva Yeung

July 1998

Communications of the ACM, Volume 41 Issue 7

 Full text available: [pdf\(641.01 KB\)](#)

 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

3 [Retrieving and visualizing video](#)

Boon-Lock Yeo, Minerva M. Yeung

December 1997

Communications of the ACM, Volume 40 Issue 12

 Full text available: [pdf\(2.01 MB\)](#)

 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

4 [Multigrain shared memory](#)

Donald Yeung, John Kubiawicz, Anant Agarwal

May 2000

ACM Transactions on Computer Systems (TOCS), Volume 18 Issue 2

 Full text available: [pdf\(369.18 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

Parallel workstations, each comprising tens of processors based on shared memory, promise cost-effective scalable multiprocessing. This article explores the coupling of such small- to medium-scale shared-memory multiprocessors through software over a local area network to synthesize larger shared-memory systems. We call these systems Distributed Shared-memory MultiProcessors (DSMPs). This article introduces the design of a shared-memory system that uses multiple granularities of sharing, ca ...

Keywords: distributed memory, symmetric multiprocessors, system of systems

5 [A credit manager for traffic regulation in high-speed networks: a queueing analysis](#)

Kin K. Leung, Raymond W. Yeung, Bhaskar Sengupta

April 1993

IEEE/ACM Transactions on Networking (TON), Volume 1 Issue 2

 Full text available: [pdf\(982.33 KB\)](#)

 Additional Information: [full citation](#), [references](#), [index terms](#), [review](#)

6 [The scalability of multigrain systems](#)

Donald Yeung

May 1999

Proceedings of the 13th International conference on Supercomputing

 Full text available: [pdf\(1.83 MB\)](#)

 Additional Information: [full citation](#), [references](#), [index terms](#)

7

Digital watermarking: what will it do for me? And what it won't!

Jian Zhao, Eckhard Koch, Joe O'Ruanaidh, Minerva M. Yeung

July 1999

ACM SIGGRAPH 99 Conference abstracts and applicationsAdditional Information: [full citation](#), [index terms](#)

8

Design and analysis of a novel fast packet switch: pipeline Banyan

P. C. Wong, M. S. Yeung

February 1995

IEEE/ACM Transactions on Networking (TON), Volume 3 Issue 1Full text available:  [pdf \(1.04 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

9

A generalized model for a relational temporal database

Shashi K. Gadia, Chuen-Sing Yeung

June 1988

Proceedings of the 1988 ACM SIGMOD International conference on Management of dataFull text available:  [pdf \(1.04 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We propose a generalized relational model for a temporal database which allows time stamping with respect to a Boolean algebra of multidimensional time stamps. The interplay between the various temporal dimensions is symmetric. As an application, a two dimensional model which allows objects with real world and transaction oriented time stamps is discussed. The two dimensional model can be used to query the past states of the database. It can also be used to give a precise classification of ...

10

MGS: a multigrain shared memory system

Donald Yeung, John Kubiawicz, Anant Agarwal

May 1996

ACM SIGARCH Computer Architecture News , Proceedings of the 23rd annual international symposium on Computer architecture, Volume 24 Issue 2Full text available:  [pdf \(1.37 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Parallel workstations, each comprising 10-100 processors, promise cost-effective general-purpose multiprocessing. This paper explores the coupling of such small- to medium-scale shared memory multiprocessors through software over a local area network to synthesize larger shared memory systems. We call these systems Distributed Scalable Shared-memory Multiprocessors (DSSMPs). This paper introduces the design of a shared memory system that uses multiple granularities of sharing, and presents an imp ...

11

Performance evaluation of a new distributed deadlock detection algorithm

Chim-fu Yeung, Sheung-lun Hung, Kam-yiu Lam

September 1994

ACM SIGMOD Record, Volume 23 Issue 3Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

In this paper, a new probe-based distributed deadlock detection algorithm is proposed. It is an enhanced version of the algorithm originally proposed by Chandy's et al. [5,6]. The new algorithm has proven to be error free and suffers very little performance degradation from the additional deadlock detection overhead. The algorithm has been compared with the modified probe-based and timeout methods. It is found that under high data contention, it has the best performance. Results also indica ...

12

Rendering with concentric mosaics

Heung-Yeung Shum, Li-Wei He

July 1999

Proceedings of the 26th annual conference on Computer graphics and interactive techniquesFull text available:  [pdf \(1.44 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: Image-based rendering, plenoptic functions, virtual environments

13

A brief overview of ATM: protocol layers, LAN emulation, and traffic management

Kai-Yeung Siu, Raj Jain

April 1995

ACM SIGCOMM Computer Communication Review, Volume 25 Issue 2Full text available:  [pdf \(1.01 MB\)](#)Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)




Asynchronous Transfer Mode (ATM) has emerged as the most promising technology in supporting future broadband multimedia communication services. To accelerate the deployment of ATM technology, the ATM Forum, which is a consortium of service providers and equipment vendors in the communication

industries, has been created to develop implementation and specification agreements. In this article, we present a brief overview on ATM protocol layers and current progress on LAN Emulation and Traffic ...

Results 1 - 13 of 13

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
RELEASE 1.6Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **8** of **1002028** documents.A maximum of **500** results are displayed, **50** to a page, sorted by **Relevance** in **Descending** or**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Watermarking 3D objects for verification***Boon-Lock Yeo; Yeung, M.M.;*

Computer Graphics and Applications, IEEE , Volume: 19 , Issue: 1 , Jan.-Feb. 1999

Pages:36 - 45

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) IEEE JNL**2 Digital watermarks: Shedding light on the invisible***Yeung, M.M.; Boon-Lock Yeo; Holliman, M.;*

Micro, IEEE , Volume: 18 , Issue: 6 , Nov.-Dec. 1998

Pages:32 - 41

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) IEEE JNL**3 Resolving rightful ownerships with invisible watermarking techniques: limitations, at and implications***Craver, S.; Memon, N.; Yeo, B.-L.; Yeung, M.M.;*

Selected Areas in Communications, IEEE Journal on , Volume: 16 , Issue: 4 , May 1998

Pages:573 - 586

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) IEEE JNL**4 Fragile watermarking of three-dimensional objects***Yeung, M.; Boon-Lock Yeo;*

Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on , Volume: 2 , 4 1998

Pages:442 - 446 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(592 KB\)\]](#) IEEE CNF**5 Digital watermarking for high-quality imaging***Yeung, M.M.; Mintzer, F.C.; Braudaway, G.W.; Rao, A.R.;*

Multimedia Signal Processing, 1997., IEEE First Workshop on , 23-25 June 1997

Pages:357 - 362

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) IEEE CNF**6 On the invertibility of invisible watermarking techniques***Craver, S.; Memon, N.; Boon-Lock Yeo; Yeung, M.M.;*

Image Processing, 1997. Proceedings., International Conference on , Volume: 1 , 26-29 Oct. 1997

Pages:540 - 543 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) IEEE CNF

7 **An invisible watermarking technique for image verification**

Yeung, M.M.; Mintzer, F.;

Image Processing, 1997. Proceedings., International Conference on , 26-29 Oct. 1997

Pages:680 - 683 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(684 KB\)\]](#) IEEE CNF

8 **Effective and ineffective digital watermarks**

Mintzer, F.; Braudaway, G.W.; Yeung, M.M.;

Image Processing, 1997. Proceedings., International Conference on , Volume: 3 , 26-29 Oct. 1997

Pages:9 - 12 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) IEEE CNF

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Find: Searching for **PHRASE shreekant s thakkar**.Restrict to: [Header](#) [Title](#) Order by: [Expected citations](#) [Hubs](#) [Usage](#) [Date](#) Try: [Amazon](#) [B&N](#) [Google](#) [\(RI\)](#) [Google \(Web\)](#) [CSB](#) [DBLP](#)2 documents found. **Order: number of citations.**[A New Page Table for 64-bit Address Spaces - Talluri, Hill, Khalidi. \(1995\) \(Correct\) \(17 citations\)](#)
www.cs.wisc.edu/~talluri/thesis/bib.ps[Seventh Workshop On Scalable Sharedmemory - Multiprocessors June Th \(Correct\)](#)
Michel Dubois, Univ. of Southern California **Shreekant S. Thakkar**, Intel Corporation Web Site:
www.research.ibm.com/people/a/ashwini/proceedings.psTry your query at: [Amazon](#) [Barnes & Noble](#) [Google \(RI\)](#) [Google \(Web\)](#) [CSB](#) [DBLP](#)CiteSeer.PSU - Copyright [NEC](#) and [IST](#)

Find: [Documents](#)[Citations](#)Searching for **PHRASE minerva m yeung**.Restrict to: [Header](#) [Title](#) Order by: [Citations](#) [Hubs](#) [Usage](#) [Date](#) Try: [Amazon](#) [B&N](#) [Google \(RI\)](#) [Google \(Web\)](#) [CSB](#) [DBLP](#)7 documents found. **Order: citations weighted by year.**

[Resolving Rightful Ownerships with Invisible.. - Craver, Memon, Yeo.. \(1998\) \(Correct\) \(41 citations\)](#)
 Nasir Memon, Boon-Lock Yeo, Member, IEEE, and **Minerva M. Yeung**, Member, IEEE Abstract-Digital watermarks
debut.cis.nctu.edu.tw/~ykleee/Research/Watermarking/Scott_Craver/JSAC98-5-12.pdf

[Can Invisible Watermarks Resolve Rightful Ownerships? - Craver, al. \(1996\) \(Correct\) \(37 citations\)](#)
 Heights, NY 10598 Email: yeo@watson.ibm.com **Minerva Yeung** Department of Electrical Engineering
 [3] S. Craver, N. Memon, B.L. Yeo, and M. **M. Yeung**, Can invisible watermarks resolve rightful
isse.gmu.edu/~njohnson/Steganography/bib/pub/8214.ps

[Effective and Ineffective Digital Watermarks - Mintzer, al \(1997\) \(Correct\) \(12 citations\)](#)
 Fred Mintzer, Gordon W. Braudaway and **Minerva M. Yeung** IBM T. J. Watson Research Center, P. O. Box
ftp.ctr.columbia.edu/CTR-Research/advent/public/public/chang/ICIP97/mintzer.ps

[On The Invertibility Of Invisible Watermarking Techniques - Craver, al. \(1997\) \(Correct\) \(10 citations\)](#)
 DeKalb, IL 60115. Boon-Lock Yeo and **Minerva M. Yeung** IBM T.J. Watson Research Center, Yorktown
www-sig.enst.fr/~maitre/tatouage/icip97/craver-97.pdf

[A Video-Based Rendering Acceleration Algorithm for.. - Wilson, Lin, Manocha.. \(2000\) \(Correct\)](#)
 27599 {awilson,lin,dm}cs.unc.edu Boon-Lock Yeo, **Minerva Yeung** Intel Corporation Microcomputer Research
 vol. SPIE 3022, pp. 448-456, Feb. 1997. Yeung97] **M. Yeung** and B. Yeo, Video visualization for compact
www.cs.unc.edu/~geom/Video/mm2000.pdf

[A novel scheme for fast and efficient video sequence.. - Naphade, Yeung, Yeo \(2000\) \(Correct\)](#)
 compact signatures Milind R. Naphade a **Minerva M. Yeung** b and Boon-Lock Yeo b a Department of
www.ifp.uiuc.edu/~milind/papers/conferences/spie60.ps.gz

[Analysis and Synthesis for New Digital Video Applications - Yeo, Yeung \(1997\) \(Correct\)](#)
 New Digital Video Applications Boon-Lock Yeo **Minerva M. Yeung** IBM T. J. Watson Research Center, Yorktown
www.ee.princeton.edu/~yeo/ICIP97-VIDEO/yeoyeung.pdf

Try your query at: [Amazon](#) [Barnes & Noble](#) [Google \(RI\)](#) [Google \(Web\)](#) [CSB](#) [DBLP](#)CiteSeer - citeseer.org - [Terms of Service](#) - [Privacy Policy](#) - Copyright © 1997-2002 [NEC Research Institute](#)

L Number	Hits	Search Text	DB	Time stamp
-	317	@ad<20000630 and (705/51.ccls.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/05 09:31
-	453	@ad<20000630 and (713/176.ccls.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/05 09:31
-	88	@ad<20000630 and (713/179.ccls.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/05 09:31
-	129	@ad<20000630 and (713/181.ccls.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/05 09:33
-	73	@ad<20000630 and (380/202.ccls.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/05 09:34
-	72	@ad<20000630 and (705/55.ccls.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/05 09:42
-	71	@ad<20000630 and (705/56.ccls.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/05 09:47
-	50	((@ad<20000630 and (705/56.ccls.)) and random	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/05 09:47
-	16	((@ad<20000630 and (705/56.ccls.)) and random) and (watermark\$3 signature)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 09:00
-	0	6397333.URPN.	USPAT	2004/02/05 10:27
-	4	("4934846" "5392351" "5796824" "6230149").PN.	USPAT	2004/02/05 10:27
-	19	@ad<20000630 and (watermark adj key)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 09:14
-	22	@ad<20000630 and ((watermark near2 key) same (set subset))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 10:44
-	1	@ad<20000630 and ((watermark near2 key) same (deriv\$3 near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 10:45
-	2	@ad<20000630 and ((watermark near2 key) same ((deriv\$3 construct\$3 determin\$3) near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 10:46
-	9	@ad<20000630 and ((watermark near2 key) and ((deriv\$3 construct\$3 determin\$3) near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 11:27
-	5	@ad<20000630 and (watermark same (dependent near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 12:48
-	136	@ad<20000630 and (watermark\$3 and ((dependent derived based) near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 12:49

-	17	@ad<20000630 and (watermark\$3 and (((dependent derived based) same (content video image))near key))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/02/06 12:49
---	----	--	---	---------------------

L Number	Hits	Search Text	DB	Time stamp
-	19	@ad<20000630 and (watermark adj key)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 09:14
-	22	@ad<20000630 and ((watermark near2 key) same (set subset))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 10:44
-	1	@ad<20000630 and ((watermark near2 key) same (deriv\$3 near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 10:45
-	2	@ad<20000630 and ((watermark near2 key) same ((deriv\$3 construct\$3 determin\$3) near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 10:46
-	9	@ad<20000630 and ((watermark near2 key) and ((deriv\$3 construct\$3 determin\$3) near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 11:27
-	5	@ad<20000630 and (watermark same (dependent near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 12:48
-	136	@ad<20000630 and (watermark\$3 and ((dependent derived based) near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 12:49
-	17	@ad<20000630 and (watermark\$3 and (((dependent derived based) same (content video image))near key))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/06 12:49
-	69	@ad<20000630 and ((watermark same (dependent)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/09 09:10
-	16	@ad<20000630 and ((watermark same ((image document content) adj dependent)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/09 09:26
-	33	@ad<20000630 and ((watermark same ((image document content) adj based)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/09 09:26
-	3	@ad<20000630 and ((watermark near((image document content) adj based)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/09 09:30
-	19	@ad<20000630 and (watermark adj key)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/09 10:22
-	1	"770997"	EPO	2004/02/09 10:24
-	2	((("5119252") or ("6012832") or ("ep770997a2"))).PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/09 10:24
-	1	("6025810").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/02/09 10:55